

FIGURE 153

></usr/seqdb2/sst/DNA/Dnaseqs.min/ss.DNA50911
><subunit 1 of 1, 348 aa, 1 stop
><MW: 39711, pI: 8.70, NX(S/T): 1
MAATLGPLGSWQQWRRCLSDRGSRMLLLLLLLGSGQPQQVAGQTFEYLRHSLSKPYQ
GVGTGSSSLWNLMGNAMVMTQYIRLTPDMQSKQGALWNRVPCFLRDWELQVHFKEHGQGGKKN
LHGDGLAIWYTKDRMQPGPVFGNMDKFVGLGVFVDITYPNEEKQQERVFPYISAMVNNGSLSY
DHERDGRPTELGGCTAIVRNLYHYDTFLVIRYVKRHLTIMMDIDGKHEWRDCIEVPGVRLPRG
YYFGTSSITGDLSDNHDVISLKLFEFTVERTPEEEKLHRDVFLPSVDNMKLPENTAPLPPLS
GLALFLIVFFSLVFSVFAIVIGIILYNKWQEQSRKRFY

Signal sequence:

amino acids 1-38

Transmembrane domain:

amino acids 310-329

FIGURE 154

CCGAGCCGGGCGCAGCGACGAGCTGGGGCCGGCCTGGGACCATTGGGCGTGAGTGCAATCTACGGATCAGTCT
 CTGATGGTGGGTGCTTAACTCTAGTGGGGACCTCAAGATTTCATGAAGAAATCAGTTGTCTTCATTCAAGAAT
 TGGGCTCTGGCTCAGAATTCCTGCAGCTGGTGAAAATCTGTTTCTAGAAGAGGTTTAATTAATGCTGCAGTCT
 GACATGTTCCCGATTGGAGTGAAACCATGAAGAGAAATAGAATACTTAATAATGCTTTCCGCAACCGCTTCT
 TGCTGCTGCTGGCCCTGGCTGCGCTGCTGGCCTTTGTGAGCCTCAGCCTGCAGTCTTCCAGCTGTCCCGGTTGT
 CGACTCTCAAGAATGGAATGAGTAGCAAGAGTCGAAAGAGAATCATGCCCGACCCCTGTGACGGAGCCCCCTGTGA
 CAGACCCCGTTTATGAAGCTCTTTGTACTGCAACATCCCGAGTGTGGCCGAGCGCAGCATGGAGGTCAAGCCC
 CGCATCATTTTAAGCTGCTCTCAGTGCATGTGTTTCATTGCCACGGAGACAGGTACCCACTGTATGTCTATCCCA
 AACAAGCGCACCAGAAATGACTGCTGCACTCTGGTGGCTAACAGGAACCGTATCACCCAAAATCGGAGCTTCA
 TTAGTCACTGTCAAAAGGATCCGGAGCCTCTTTGAAAGCCCTTGAAGTCTTGTGCTCTTTACCCAAATCACC
 CATTGTGTGAGATGGGAGGACTCACAAGACAGGAGTTGTGACGATTTGACGAACGGTTCAGAACCGTTCAGGATA
 TCTATCTAAAGAAACACAACTCCTGCCAATGATTGGTCTGCAGACAGCTCTATTAGAGACCACTGGGAAAA
 GGCACGACCAAGTGCCTGTTCTGCTCTGGAAGCTGCTATTGCCCGGTAAAGAAACAGTATCTGGAAGAGGAGC
 AGCGTCGTGAGTACCTCCTACGTTTGAAGAACAGCCAGCTGGAGAAGACCTACGGGGAGATGGCCAAAGATCGTGG
 ATGTCCTCCACCAAGCAGCTTAGAGCTGCCAACCCCATAGACTCCATGTCTCTGCCACTTTCTGCCCAATGTGAGCT
 TTCCCTGTACCCAGAAATGGCTGTGTTGACATGGAGCATTCAAGGTAATTAAGACCCCATCAGATCGAGGATGA
 GGGAAAGACGGGAGAGAAATTTGACTTCGGGTATTCTCTCTCTGGGTGCCCAACCCCATCTGAAACCAACCATCG
 GCCGGATGACAGCTGCTCACCGAGGGCAGGAAGAAGAGCTCTTTGCCCTCTACTCTGCTCATGATGTCACTCTGT
 CACCAGTCTCTAGAGCTCTGGGCCCTTTCAGAAAGCAGGTTCCCAAGGTTTGCAGCCAGGTTCATCTTGTAGCTTT
 GGCAGACGAGAGAAAGCCAGTGAACTCCGTCCGATTTCTTACAATGGCGCTGAGTTCAGATTCCCACTT
 CTTTCTGCCAAGACCAACCAAGCGTCTCTCCAAAGCCATGTGCCCGCTTGAAACCTTGGTCCGCTTTTGTGAAAA
 GGGACATGTTTGTAGCCCTGGGTGGCAGTGTGACAAATATTATGATGATCATCTCAGGGAGAGGATCTAAAGG
 TATGCACTACAGCAGTATAGAATCCATGCCAATACAGAGCATAGGGAAAGGTCACCTCTAGTTTGTCTGTGTTAC
 TAAGGCTAGAGAAATTAATGCTTTTTAAAGGCTAAATATTGTTTGTGGGAACCAAGATGGTTGGGGTTGAAGCAGT
 AAGCACAATTGCTGCTGATGTGGTATGCTGAATTTGCTTGGTACAAAATGGCCAGTTCAGAGGAATGAGGACTT
 TATCATAGCCAGCAGTCTGCTTAGAATGCCAGAATAATATAGTTCAAGACCTGGAAGTTGCCAATCCAAGTTTGCAC
 TCTCTGGCCCTGCCCATGTGTTGATGGAAACAGCACCTCAACCAAAATTTTAAATCTTAGACATT
 TTACCTTGTCTTGTAAAGAAATTTCTGAAGTAGTATTATCTAAATTAAGGTTGGCAAACTTTTCTGTAAAGG
 GCCAGATTGTAATATTTTCAGACTGTGTGGACCAAAAGGCCACATACAGTCTCTGTCTATAACTCTCAACTCTGT
 TTCTGAAGCAGGAAGCCACACAGACAGTACATAAAGGAATATGTGTAGCTGGGTTCCGAGGCCAGACAAAAACA
 GATGGTGACCAGCACTGGCCCCCTGGGCTGTAGTTTGTGACCCCTCATCTAAAAAAATAGGCTATATCACAATTGC
 ACTTCCAGCACTTTGAGAACGAGTTGAATACCAAGAATATTCAATGGTTCCTCCAGTAACCTCTGCTAGAAACA
 CAGAATTTGGTCTGTATCTGACACTAGAACAAACCTTGAGGGTAAATAAACATTGAATAGAAATGAATCATAGAA
 AACTGATTAGAGAATACTTGATGTTTATGATGATTGTGGTACAAGATAGTTTAAAGTATGTTCAAAATATTGT
 CTGCTGTAGTCTAATTTGCTGTATGCTGAAATTTTGTATGCCATTAGTATTTTATAGTTAGGAAAAATATT
 TTCTAAGACCAAGTTTATAGTACTCTTATTCCTGTAGTAAATATTCAATTTGCTGTACTGCTGCTGGTGGTTAGAAG
 GAGGCTAGAAGATGAATTCAGGCACCTTTCTTCCAATAAACTAAATTATGGCTCATTCCTTTGACAAGCTGTAGA
 ACTGGATTCAATTTTAAACCAATTTTCATAGTTTCAATGGTAAATTCGATGATTTTAAATGCGTTTGTGGA
 AGAATCTTGTCTATTAGGTAGTTTACAGATCTTTATAAGGTGTTTATATATTAGAAGCAATTAATAATCATCTTG
 GATTTCTGAACTAATGGTGTAAATTCAGAGAAATGGAAGTGAAAGTGAGATTCTCTGTGTGTCATCGCATTC
 AACTTTTCTCTTGTGTTTGTGTCAGTGTGCAATTGAAATATCTGTTCTATAAATAAATTTTAAAGATAA

100732345-104504

FIGURE 155

></usr/seqdb2/sst/DNA/Dnaseqs.min/ss.DNA48329
><subunit 1 of 1, 480 aa, 1 stop
><MW: 55240, pI: 9.30, NX(S/T): 2
MLFRNRFLLLALLAALLAFVSLSLQFFHLIPVSTPKNGMSSKSRKRIMPDVPTEPPVTDVPVY
EALLYCNIPSAERSMEGHAPHHFKLVSVHVFI RHGDRYPLYVIPKTKRPEIDCTLVANRKP
YHPKLEAFISHMSKSGSGASFESPLNSLPLYPNHPLCEMGELTQTQGVVQHLQNGQLLRDIYLK
KHKL LPNDWSADQLYLETTGKSRTLQSGLALLYGFLPDFDWKKIYFRHQPSALFCSGSCYCP
VRNQYLEKEQRRQYLLRLKNSQLEKTYGEMAKIVDVPTKQLRAANPIDSM LCHFC HNVSPFC
TRNGCVDMEHFKVIKTHQIEDERERREKKLYFGYSLLGAHPILNQTIGRMQRATEGRKEELF
ALYSAHDVTLSPVLSALGLSEARFPRFAARLIFELWQDREKPSSEHSVRILYNGVDVTFHTSF
CQDHHKRSFKPMCPL ENLVRVFKRDMFVALGGSGTNYDACHREGF

Signal sequence:

amino acids 1-18

097623-101501